

REMARKS

Claims 1-32 will be pending upon entry of the present amendment. Claim 16 and is amended.

Applicant thanks Examiner Paik for his consideration during the telephone interview with Applicant's representative on May 12, 2005. During the telephone interview, applicant understands the parties of the interview arrived at an agreement with respect to the pending claims. These remarks summarize the distinctions made in the interview, as requested by the Examiner.

Claim 1 recites, in part, "first and second bus plates, and a plurality of positive temperature coefficient elements...sandwiched between the bus plates..., each positive temperature coefficient element including: first and second conductive plates, and a plurality of positive temperature coefficient heating stones...sandwiched between the conductive plates."

The parties discussed the above cited limitations in comparison to the art of record, Roller in particular. It was noted that Roller does not teach the first and second bus plates, teaching only the conductive plates and PTC stones (referred to by Roller as PTC elements).

With respect to the language of claim 10, the point at issue was the term "encapsulated." Applicant's representative cited Webster's Third New International Dictionary, 1966 edition (page 745, attached herewith), which defines encapsulate as "to surround, encase, or protect in or as if in a capsule." and pointed to figure 5 of the present application as an example, in which components of the heating element are fully encapsulated within the cavity 110. The Examiner indicated that he would consider the term to distinguish over Gusmer in independent claims 10 and 29, provided the Applicant placed the above recited definition in the record, which is done by these remarks. The Examiner suggested that claim 16 be amended to recite the term, as well, in order to distinguish that claim over the prior art. Claim 16 has been amended accordingly.

The Examiner indicated a willingness to enter the present amendment into the record. Applicant understands that the Examiner will conduct an additional search based upon his new understanding of the claims, but that, provided no new art is located, he is inclined to allow the claims as currently constituted.

If Applicant's understanding of the Examiner's position, as outlined above, is in error, Applicant respectfully requests that the Examiner provide further clarification.


In view of the above summarized interview, applicant considers the remaining rejections of the recent Office Action to be moot, and will therefore not address them at this time. This should not be considered an admission, on the part of the Applicant, as to their materiality.

Favorable consideration and a Notice of Allowance are earnestly solicited. In the event the Examiner finds minor informalities that can be resolved by telephone conference, the Examiner is urged to contact Applicants' undersigned representative at (206) 694-4848 in order to expeditiously resolve prosecution of this application.

The Director is authorized to charge any additional fees due by way of this Amendment, or credit any overpayment, to our Deposit Account No. 19-1090.

Respectfully submitted,

SEED Intellectual Property Law Group PLLC



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HHB:wt

Enclosures:

Postcard

Webster's Third New International Dictionary reference (pg. 745)

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en-an-ti-o-mor-phism \ˈɛn-ˌmɔːr-fɪzəm\ *n* -s [enantiomorphism] the phenomenon of mirror-image relationship exhibited by right-handed and left-handed crystals (as of quartz) or by the molecular structures of two stereoisomeric compounds (as *dextro*-tartaric acid and *levo*-tartaric acid) — distinguished from *diastereoisomerism*; compare *ASYMMETRIC CARBON ATOM*, *OPTICAL ISOMERISM*

en-an-ti-o-mor-phous \ˈɛn-ˌmɔːr-fəs\ or **en-an-ti-o-morphic** \-fɪk\ *adj* [enantiomorphous or -morphic or -morphic]: of, relating to, or exhibiting enantiomorphism

en-an-ti-o-trop-ic \ˈɛn-ˌtɹɒp-ɪk\ *adj* [enantiotropy + -tropic]: of, relating to, or exhibiting enantiotropy

en-an-ti-ot-ro-py \ˈɛn-ˌtɹə-pi\ *n* -ES [ISV enantio- + -tropy] the relation of two different forms of the same substance (as two allotropic forms of tin) that have a definite transition point and can therefore change reversibly each into the other — compare *MONOTROPY*

en-arched \ˈɛn-ɑːrʃt-, ˈɛn-ɑːd\ *adj* [fr. past part. of obs. *enarch* to provide with an arch or arches, fr. ME *enarchen*, fr. *en-* + *arche*, *n.*, *arch*] *heraldry*: bent into a curve or arch (an ~ fess)

en-ar-gite \ˈɛn-ɑːr-ɡɪt-, ˈɛn-ɑːr-ˌgɪt-*n* -s [G *enargit*, fr. Gk *enargēs* visible (fr. *en* in + *argēs* bright) + G -it-ite; fr. its cleavage; akin to Gk *argos* white — more at ARGENT:] a grayish black or iron-black copper arsenic sulfide (Cu₃AsS₄) of metallic luster occurring in small orthorhombic crystals or massive and often containing antimony

en-arm \ˈɛn-ɑːrm\ *vt* [ME *enarmen*, prob. fr. *en-* + *armen* to arm] *archaic*: to equip with arms or armor

en-arme \ˈɛn-ɑːrm-*n* -s [obs. F, fr. OF, fr. *enarmer* to provide (a shield) with straps through which an arm may be passed, fr. (assumed) VL *inarmare*, fr. L *in* + (assumed) VL *-armare* (fr. L *armus* shoulder) — more at IN, ARM:] the strap or the set of straps by which a shield was held on the arm — usu. used in pl.

en-ar-rat-ion \ˈɛn-ɑːr-ˈræʃən-, ˈɛn-ɑːr-*n* -s [L *enarratio*, *enarratio* detailed exposition, fr. *enarratus* (past part. of *enarrare* to explain in detail, fr. *e-* + *narrare* to narrate) + -ion-, -io-ion — more at NARRATE] *archaic*: a detailed exposition or description

en-ar-rière \ˈɛn-ɑːr-ɪ-ɛr-*ə* *adv* (or *adj*) [F, behind, backward, in arrears] 1 *heraldry*: from the back (an eagle proper *en arrière*) 2 *ballot*: toward the back: BACKWARD — used of a movement or of the execution of a step (a glissade *en arrière*)

en-ar-thro-di-al \ˈɛn-ɑːr-ˈθrəʊ-di-əl\ *adj* [NL *enarthrodia* *enarthrosis* (fr. *en-* + *arthrodia*) + E -al]: of, relating to, or having the form of an *enarthrosis*

en-ar-thro-sis \ˈɛn-ɑːr-ˈθrəʊ-sɪs\ *n*, *pl enarthroses* \-sɪz\ [NL, fr. Gk *enarthrosis*, fr. *en-* + *arthrosis* *arthrosis*] an articulation in which the rounded head of one bone fits into the cuplike cavity of the other and admits movement in one direction — as a ball-and-socket joint (as the hip joint)

en-as-cent \ˈɛn-ə-ˈsɛnt\ *adj* [L *enascens*, *enascens*, pres. part. of *enasci* to spring up, sprout, fr. *e-* + *nasci* to be born — more at NATION] *archaic*: NASCENT

enate \ˈɛn-ə-ti\ *adj* [L *enatus*, past part. of *enasci*] 1: growing out 2: ENATIC

enate \ˈɛn-ə-ti\ *n* -s [L *enatus*, past part. of *enasci*]: one related on the mother's side — compare AGNATE

en-at-ic \ˈɛn-ə-tɪk\ *adj* [L *enatus* (past part. of *enasci*) + E -ic]: descended from the same mother: related on the mother's side

enation \ˈɛn-ə-ˈnæʃən\ *n* -s [L *enatus* (past part. of *enasci*) + E -ion] 1: an outgrowth from the surface of an organ (a plant young forming ~s on leaves) 2: kinship on the mother's side

enation mosaic *n*: mosaic (as of tobacco, potato, and tomato) in which raised pin-shaped corrugated outgrowths appear chiefly on the lower surface of the leaves

en avant \ˈɛn-ə-vɑːnt\ *adv* (or *adj*) [F, in front, forward] *ballot*: in front: FORWARD — used of a movement or of the execution of a step

en axe \ˈɛn-ˈɑːks\ *adj* [F, on the axis]: placed symmetrically in or upon the axis — used with with (pillars *en axe* with the central aisle)

en-bench \ˈɛn-ˈbɛnʃ\ *adv* (or *adj*) [F, on the bench]: in full court with full judiciary authority (in the recent . . . case all seven circuit judges sat *en banc* — Archbishop Cox)

en bas \ˈɛn-ˈbɑː\ *adv* (or *adj*) [F, below, down] *ballot*: in a low position — used of the arms

en bloc \ˈɛn-ˈblɒk\ *pronunc* at *EN* + *blɒk* *adv* (or *adj*) [F] 1: as a body or whole: in a lump or mass (forced the islanders . . . to move *en bloc* — D.B. Forester) (one escape for harassed editors is to buy a group of strips *en bloc* from some syndicate — Coulton Waugh) 2: in one piece: as a unit (an engine with cylinders cast *en bloc*)

enbrave *v* of EMBRAY

en-broiled \ˈɛn-ˈbrɔɪd\ *adv* (or *adj*) [F]: on a skewer

en broche \ˈɛn-ˈbrɔʃet\ *adv* (or *adj*) [F]: on a skewer

en brosse \ˈɛn-ˈbrɒs\ *adv* (or *adj*) [F, lit., in the manner of a brush]: in a manner resembling the short erect bristles of a brush — used of a man's hair style (his black hair . . . stood up *en brosse* — Hugh Walpole) (his very thick graying hair *en brosse* added an extra inch to his stature — Kathryn Grondahl)

enc *abbr* 1 enclosed; enclosure 2 encyclopedia

en cab-o-chon \ˈɛn-ˈkə-bə-ʃən\ *adv* [F, in the manner of a cabochon]: in convex form but not faceted (a ruby cut *en cabochon*)

en-cab-e-tine \ˈɛn-ˈkæ-bɪn-, ɪn-, ˈnɛ-*n* *pl* but *sing* or *pl* in constr., sometimes *cap* [NL, fr. L, dedication festival, fr. Gk *enkainia*, fr. *en* in + *kainia* (fr. *kainos* new) — more at IN, RECENT] an annual university ceremony (as at Oxford University) of commemoration with recital of poems and essays and conferring of degrees

en-cage \ˈɛn-ˈkeɪd\ *vt* [en- + cage, *n.*] : CAGE 1

en-en-camp \ˈɛn-ˈɛn-ˌtɹɒp\ *vb* [en- + camp, *n.*] *vi*: to form into or place in a camp (~ soldiers) ~ *vi*: to form or occupy a camp: prepare and settle in temporary habitations (as tents or huts)

en-camp-ment \ˈɛn-ˌmɒnt\ *n* -s 1 *a*: the action of encamping 2 *a*: a place being encamped 2 *a*: the place where a body of troops or chambers is encamped: CAMP (was not enthusiastic over the campers of Valley Forge as a winter ~ — F.V.W. Mason) (a well-fortified ~) (the ~ of migratory workers outside the city) *b*: the individuals that make up an encampment (the whole ~ was in an uproar) 3: COMMANDERY 3 4: a convention of a national association of ex-servicemen

en-cap-su-late \ˈɛn-ˌkæp-sʏ-lət-, ɛn-ˌal-so-ˈsɪz\ *also en-capsule* \-sɪl-, ɛn-ˌtɹɒp\ *vb* ED-/ING-s\ *also en-capsule* \-tɹɒp\ *en* + -ate, *vb* suffix; *encapsule* fr. *en-* + *capsule*, *n.*] *vi*: to surround, encase, or protect

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en-car-nal \ˈɛn-ˈkɑːr-nəl\ *adj* [L *en-carnalis* (fr. *trichina*) organisms and (the flesh)] (his ~ flesh) (in his youth he was encapsulated in affection — H.H. Mencken) ~ *vi*: to become encapsulated (a bacillus that ~s in the human body) (some very small poikilotherms desiccate and ~ for protection — Samuel Brody) — *en-capsulation* \ˈɛn-ˌkæp-sʏ-lət-, ɛn-ˌal-so-ˈsɪz\ *n*

en-capsu-lated \ˈɛn-ˌkæp-sʏ-lət-, ɛn-ˌal-so-ˈsɪz\ *adj* [fr. past part. of *encapsulate*] *biol*: surrounded by a gelatinous or membranous envelope (~ water bacteria)

en-captive *vt* [en- + captive, *n.* or *adj.*] *obs*: to make captive

en-carnadine *v* of INCARNADINE

en-carnal-ize \ˈɛn-ˈkɑːr-nəl-ɪz\ *vt* [en- + carnal-ize] to make carnal

en-car-nal-ize \ˈɛn-ˈkɑːr-nəl-ɪ